

## IN THE CLAIMS

Please cancel claims 1-4.

Please add new claims 5-27.

### **1-4. (canceled)**

- 5. (new)** A method for laboratory requisition processing, comprising:
- providing a first server interface accessible to remote healthcare applications;
  - providing a second server interface accessible to one or more remote laboratories;
  - receiving using the first server interface a laboratory requisition from a remote healthcare application, wherein the received laboratory requisition specifies one or more remote laboratories and tests to be performed;
  - sending the received laboratory requisition to the specified remote laboratories;
  - receiving using the second server interface laboratory test results from the remote laboratories; and
  - sending the received test results to the remote healthcare application.
- 6. (new)** The method of claim 5 further comprising storing the received laboratory requisition in a database.
- 7. (new)** The method of claim 5, wherein the first server interface comprises an Application Program Interface (API).
- 8. (new)** The method of claim 7, wherein the first and second server interfaces comprise CORBA interfaces operable to send and receive data objects.
- 9. (new)** The method of claim 8, wherein a laboratory requisition comprises a data object and a laboratory test result comprises a data object.
- 10. (new)** The method of claim 9, wherein data objects are stored in an object dictionary.
- 11. (new)** A server for laboratory requisition processing, comprising:
- a first server interface accessible to remote healthcare applications;
  - a second server interface accessible to one or more remote laboratories; and
  - a processor operable (i) to receive using the first server interface a laboratory requisition from a remote healthcare application, wherein the laboratory requisition specifies one or more remote laboratories and tests to be performed, (ii) to send the laboratory requisition to the specified remote laboratories, (iii) to receive using the second server

interface laboratory test results from the remote laboratories, and (iv) to send laboratory test results to the remote healthcare application.

**12. (new)** The server of claim 11 further comprising a database for storing the received laboratory requisitions.

**13. (new)** The server of claim 12, wherein the first server interface comprises an Application Program Interface (API).

**14. (new)** The server of claim 13, wherein the first and second server interfaces comprise CORBA interfaces operable to send and receive data objects.

**15. (new)** The server of claim 14, wherein a laboratory requisition comprises a data object and a laboratory test result comprises a data object.

**16. (new)** The server of claim 15, wherein data objects are stored in an object dictionary.

**17. (new)** A method for laboratory requisition processing, comprising:

- providing a healthcare application to be executed on a remote computer system, wherein the provided healthcare application is operable to generate a laboratory requisition for a patient;

- receiving using a first server interface a laboratory requisition from the healthcare application, wherein the laboratory requisition specifies one or more remote laboratories and tests to be performed;

- storing the received laboratory requisition in a database;

- sending the laboratory requisition to the specified remote laboratories;

- receiving using a second server interface laboratory test results from the remote laboratories; and

- sending laboratory test results to the healthcare application.

**18. (new)** The method of claim 17 further comprises:

- receiving using the first server interface a request from the healthcare application for laboratory requisition information for the patient;

- searching the database for the requested laboratory requisition information; and

- retrieving from the database and sending to the healthcare application the requested laboratory requisition information.

**19. (new)** The system of claim 18, wherein the first server interface comprises an Application Program Interface (API).

- 20. (new)** The method of claim 19, wherein the first and second server interfaces comprise CORBA interfaces operable to send and receive data objects.
- 21. (new)** The method of claim 20, wherein a laboratory requisition comprises a data object and a laboratory test result comprises a data object.
- 22. (new)** The method of claim 21, wherein data objects are stored in an object dictionary coupled to the database.
- 23. (new)** A system for laboratory requisition processing, comprising:
- a healthcare application executable on a remote computer system, wherein the provided healthcare application is operable (i) to collect laboratory requisition information, (ii) to generate a laboratory requisition from the collected information, (iii) to send the generated laboratory requisition to the remote server, (iv) to receive from the remote server laboratory test results;
  - a server having a first interface accessible to the healthcare application executed on a remote computer system and a second interface accessible to one or more remote laboratories;
  - wherein the first interface is operable (i) to receive a laboratory requisition from the healthcare application, (ii) to retrieve locally stored laboratory requisition information and send the retrieved laboratory requisition information to the healthcare application upon request therefrom, and (iii) to send laboratory test results to the healthcare application, and
  - wherein the second server interface is operable (i) to send the laboratory requisition received at the server to one or more remote laboratories, and (ii) to receive from the one or more remote laboratories laboratory test results; and
  - a database connected to the server for storing laboratory requisitions and laboratory test results.
- 24. (new)** The system of claim 23, wherein the healthcare application is operable to collect laboratory requisition information from one or more of a user and a remote server.
- 25. (new)** The system of claim 24, wherein the first server interface comprises an Application Program Interface (API).
- 26. (new)** The system of claim 25, wherein the first and second server interfaces comprise CORBA interfaces operable to send and receive data objects.
- 27. (new)** The system of claim 26, wherein a laboratory requisition comprises a data object and a laboratory test result comprises a data object.